



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
Livestock Facility Inspection Checklist

GENERAL INFORMATION

TYPE OF INSPECTION:

☒ CAFO ☐ COMPLAINT ☐ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)

Longview Swine Farm, LLC

INSPECTION DATE  
May 27, 2011

ARRIVAL TIME  
1:40 PM

ADDRESS

2625 County Road 600N

INSPECTOR(S)  
S. Fowler

DEPARTURE TIME  
2:34 PM

CITY  
El Paso

STATE  
IL

ZIP CODE  
61738

ACCOMPANIED BY (if applicable)  
Robert Bazer

LEGAL DESCRIPTION

COUNTY  
Woodford

SECTION  
31

TOWNSHIP  
El Paso

RANGE  
NW 1/4

TEMPERATURE  
~70 F

PRECIPITATION TYPE  
Partly Sunny

Facility Owner(s):

Exemption 6 and Exemption 7(c)

NAME  
Marshall Neisler

CONTACTED  
☒ YES ☐ NO

PHONE  
Exemption 6 and Exemption 7(c)

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NAME

Tim Neisler

CONTACTED  
☐ YES ☒ NO

PHONE  
Exemption 6 and Exemption 7(c)

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

Facility Operator(s):

Exemption 6 and Exemption 7(c)

NAME  
Robert Bazer (Manager)

CONTACTED  
☒ YES ☐ NO

PHONE  
Exemption 6 and Exemption 7(c)

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NAME

ADDRESS

CONTACTED  
☐ YES ☐ NO

PHONE  
MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued?

☐ Individual NPDES Permit ☐ General NPDES Permit

NPDES #

2. What date was the NPDES permit issued?

3. What date does the NPDES permit expire?

4. Is a copy of the NPDES permit onsite?

☐ YES ☐ NO

5. Permitted number of animal units?

6. Does the NPDES Permit contain a compliance schedule?

☐ YES ☐ NO

7. Have there been any changes made to the production area since the permit was issued?

☐ YES ☐ NO

If "YES", provide a detailed description of those changes.

None

**LAND APPLICATION/NUTRIENT MANAGEMENT**

|   |  |   |
|---|--|---|
| 1. How many TOTAL acres are available for land application? <b>1100-1400</b> acres  | <input checked="" type="checkbox"/> YES  | <input checked="" type="checkbox"/> NO                                |
| 2. How many acres are READILY available for land application at the time of inspection? _____ acres   |  |   |
| 3. Estimated annual quantities of liquid waste <b>~1 Million</b> gallons  |  |   |
| 4. Estimated annual quantities of solid waste _____ tons  |  |   |
| 5. Does the facility have a contractor perform land application?<br>If "YES", Name of Contractor: _____   | <input type="checkbox"/> YES   | <input checked="" type="checkbox"/> NO                                |
| 6. What type of land application equipment is available to the facility?<br><br><input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation<br><input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____ |  |   |
| 7. Does the facility calibrate the land application equipment?<br>If "YES", What method is used?  | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 8. Does the facility land apply within the 150 foot setback from any water well?<br>If "YES", Explain   | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 9. Does the facility land apply within the 200 foot setback from any surface water?<br>If "YES", Explain  | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 10. Does the facility land apply near any residences?<br>If "YES", Explain  | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 11. Is livestock waste transferred off-site to another party?<br>If "YES", Are records of manure transfers kept?<br>If "YES", Ask to see records  | <input type="checkbox"/> YES<br><input type="checkbox"/> YES                       | <input checked="" type="checkbox"/> NO<br><input type="checkbox"/> NO |
| 12. Does the facility have a current NMP or CNMP?<br>If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?  | <input checked="" type="checkbox"/> YES<br><input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO<br><input type="checkbox"/> NO            |
| 13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?   | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 14. Are the number of acres owned/leased consistent with those in the NMP?  | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?   | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 16. Are all of the records identified in the NMP being maintained and kept current?   | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 17. Are records being maintained at the required frequency?   | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?   | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |
| 19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?  | <input checked="" type="checkbox"/> YES  | <input type="checkbox"/> NO   |



| Type of Storage  | Total Storage Capacity (Specify Units) |
|--|--|
| <input type="checkbox"/> Anaerobic Lagoon                          |  |
| <input type="checkbox"/> Covered Lagoon                            |  |
| <input type="checkbox"/> Holding Pond                              |  |
| <input type="checkbox"/> Above Ground Storage Tank ("Slurrystore") |  |
| <input type="checkbox"/> Below Ground Storage Tank                 |  |
| <input type="checkbox"/> Settling Basin                            |  |
| <input type="checkbox"/> Roofed Storage Shed                       |  |
| <input type="checkbox"/> Concrete Pad                              |  |
| <input type="checkbox"/> Impervious Soil Pad                       |  |
| <input checked="" type="checkbox"/> Underfloor Pits                |  |
| <input type="checkbox"/> Anaerobic Digester                        |  |
| <input type="checkbox"/> Manure Stacks                             |  |
| <input type="checkbox"/> Vegetative Filter                         |  |
| <input checked="" type="checkbox"/> Other _____                    | <b>Underground holding tank</b>        |
| <input type="checkbox"/> None                                      |  |

3. Do the storage structures have depth markers or staff gauges? ☐ YES ☐ NO

4. Are levels of manure in the storage structures recorded and records kept? ☐ YES ☐ NO

5. Do the storage structures have adequate freeboard? ☐ YES ☐ NO

6. Estimated final stage storage structure freeboard \_\_\_\_\_ in.

7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO

8. Are the routine visual inspections documented? ☐ YES ☐ NO

9. Does the system have an outfall or discharge point? ☐ YES ☐ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).

**None**

10. Are there any portions of the production area where runoff is not controlled? ☐ YES ☐ NO

If "YES", provide a detailed description of the area(s) of concern:

### **MORTALITIES MANAGEMENT**

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)

**Composted**

2. Are mortalities documented and are records kept? ☒ YES ☐ NO

**FACILITY WATER SOURCES**

1. What type of method is used to provide drinking water for the animals?  
☐ Overflow waters   ☐ Tip Tanks   ☒ Nipple waters   ☐ Water Bowls   ☒ Other Troughs
2. How is the water for animals obtained?  
☐ Community PWS   ☒ On-Site Well   ☐ On-Site Impoundment   ☐ Other \_\_\_\_\_
3. Is a mist cooling system used? ☒ YES   ☐ NO  
How is mist water contained?  
**Enters pits**

**DAIRY OPERATION (If No Dairy, skip this section)**

1. How many times per day are cows milked? \_\_\_\_\_
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).  
**None**
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.  
**None**
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.  
**None**
5. Describe where process wastewater from the plate cooler goes and how it is contained.  
**None**

**BEDDING (If No Bedding, skip this section)**

1. Describe what type of bedding is used for the animals.  
**None**
2. Describe how bedding is collected and how often.  
**None**
3. What is done with the used bedding?   ☐ Reused   ☐ Land Applied

**MANURE COLLECTION**

1. How is manure collected?
- ☒ Under Floor Pit  
☐ Scraped: ☐ Automatic ☐ Manual  
☐ Flush  
☐ Solids Separator  
☐ Other: \_\_\_\_\_  
☐ None
2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.  
**None**

**FEED STORAGE CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.
- ☒ Bulk Bins  
☐ Silage Pit  
☐ Ag Bags  
☐ Hay: ☐ Barn ☐ Outdoor  
☐ Other: \_\_\_\_\_
2. Describe how feed (silage, hay, etc) runoff is contained.
- ☒ Not Applicable – Feed totally enclosed  
☐ Other: \_\_\_\_\_  
☐ None

**RECEIVING SURFACE WATERS**

1. Provide a description of the flow path from the facility to the nearest named surface water.  
**None**
2. What is the name of the receiving stream?  
**None**
3. Status of the named surface water: ☐ Intermittent ☐ Perennial
4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☐ NO  
If "YES", provide a description of the deposits: **None**

**DISCHARGES**

|   |                              |  |
|---|------------------------------|--|
| 1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2. | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| a. If "YES", specify the date(s).   |                              |  |
| b. What was the reason for the discharge?   |                              |  |
| c. Was the discharge the result of a 25 year-24 hour rainfall event?  | <input type="checkbox"/> YES | <input type="checkbox"/> NO            |
| d. What was the precipitation amount? <i>(if applicable)</i>  |                              |  |
| e. Was IEMA notified of the discharge?  | <input type="checkbox"/> YES | <input type="checkbox"/> NO            |
| f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?  | <input type="checkbox"/> YES | <input type="checkbox"/> NO            |
| If "YES", describe actions taken:<br><b>None</b>  |                              |  |

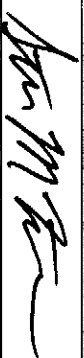
|   |                              |                             |
|---|------------------------------|-----------------------------|
| 2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section. | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| b. Was the discharge the result of a 25 year-24 hour rainfall event?  | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| c. What was the precipitation amount? <i>(if applicable)</i>  |                              |                             |
| d. What is the reason for the discharge?  |                              |                             |

**OTHER COMMENTS/NOTES**

This site should be re-visited in the near future to make sure that the pump for the holding tank has been fixed and is properly functioning.

The mortality compost area needs to have storm water diversion added to the area to contain all leachate from leaving the site. This will be addressed during the next visit to the facility in the near future.

Will an inspection report be attached? ☒ YES ☐ NO

|  |                    |
|--|--------------------|
| <b>INSPECTOR'S SIGNATURE</b>   | <b>REPORT DATE</b> |
|  | May 27, 2011       |

Cc: BOW/DWPC/RU

Attachments: Report

**Inspection Report**

Subject: Woodford County  
(Kappa)

Longview Swine Farm, LLC  
2625 County Road 600N  
El Paso, IL 61738

To: DWPC/FOS & RU

From: Star M. Fowler DWPC-FOS, Peoria Region

Date: May 27, 2011

On May 27, 2011 at 1:40 PM I visited Longview Swine Farm, LLC to inspect the ~6,000 head farrow to finish facility. Marshall Neisler and Tim Neisler own and operate this facility. During the inspection Marshall Neisler was contacted and interviewed in the office.

Mr. Neisler Exemption 6 and Exemption 7(C)

Robert Bazer, the facilities new manager, was also contacted and accompanied me during the inspection. A plan view and various drawings of the site and digital photographs of the area are attached to this report. Weather conditions for the day were partly sunny and the temperature was approximately 70°F. This facility had received approximately 2 inches of rain two days previous to the inspection. The following paragraphs provide further details of the field visit that compliment the CAFO Checklist.

**Location:**

This facility is located approximately 1.5 miles west of Kappa, Illinois. It is positioned about ¼ mile east of County Road 2600E as shown in Figure 1. The legal description is the NW ¼, Section 31, T26N-R1-2E, (El Paso Township) in Woodford County.

**Overview:**

At the time of the inspection this facility had many personnel working on the site, cleaning up a recent manure release. During the inspection the manure was not witnessed leaving the site and there did not appear to be evidence of the manure leaving the site. According to Mr. Bazer the manure release occurred because of a pump failing on the south side of the Nursery/Farrowing Building (See Figure 4) in the manure holding tank (this tank is only for manure storage of the two shallow pull plug pits on-site.) The pump is used in emptying the manure holding tank which is filled by the shallow manure collection pits under the Nursery/Farrowing Buildings. The manure holding tank can only hold ~84,000 gallons which is not enough and at this time the manure from the tank is being pumped into other buildings' pits. This pump was reported to have failed early the morning of the inspection due to foam forming inside the holding tank.

Exemption 6 and Exemption 7(C) to fix or repair this broken pump. At the present time the manure is being transferred using a Doda PTO liquid manure pump. This facility Exemption 6 and Exemption 7(C)

Mr. Neisler stated that the facility is having an issue with foam forming in all the manure pits on the facility. This spring was too wet for the facility to land apply all of the manure necessary to

completely empty all of the buildings manure pits. Mr. Neisler states that there is approximately 6 months space left for manure. The approximately 40 acres of wheat fields are available to land apply manure in about one and a half weeks.

**On-Site Personnel:**

This facility did employee approximately 18 personnel. Now Exemption 6 and Exemption 7(C) the facility only has 9 employees.

**Feed and Water:**

The feed for the animals is a pre-mix that is grinded on-site. The water for the facility is obtained from three wells located on-site (~67' shallow well, 305' deep well, and a newer 322' deep well.) See Figure 4 for the locations of the wells. The shallow well is not used very often since the two deep wells produce more water. In the buildings the animals are watered using nipple water throughout the facility except in the Gilt Building where troughs are used.

**Total Confinement Buildings:**

This facility has 13 total confinement buildings on site. Below is a summary of the buildings with estimated dimensions. Please see Figure 2 through Figure 4 for locations on site.

| Confinement Building     | Dimensions | Pit Description                   | Max-Pit Volume |
|--------------------------|------------|-----------------------------------|----------------|
| Breed/Gestation Building | 181' X 41' | 6' Deep Pit                       | ~330,000 gal   |
| Gestation Building       | 124' X 41' | 6' Deep Pit                       | ~288,000 gal   |
| Gilt Building            | 50' X 32'  | 8' Deep Partial Pit               | ~50,000 gal    |
| Gestation Building       | 72' X 40'  | 6' Deep Pit                       | ~129,000 gal   |
| Farrowing House/Nursery  | 300' X 27' | 14" Pull Plug Pit                 | ~84,000 gal    |
| Farrowing House/Nursery  | 124' X 32' | 6' Deep Pit and 18" Pull Plug Pit |                |
| Farrowing House          | 141' X 41' | 6' Deep Pit                       | ~259,000 gal   |
| Nursery                  | 66' X 24'  | 6' Deep Pit                       | ~71,000 gal    |
| Grower Building          | 90' X 42'  | 6' Deep Pit                       | ~159,000 gal   |
| Grower Building          | 95' X 42'  | 6' Deep Pit                       | ~179,000 gal   |
| Finishing Building       | 296' X 32' | 8' Deep Pit                       | ~566,000 gal   |
| Finishing Building       | 296' X 32' | 8' Deep Pit                       | ~566,000 gal   |
| Finishing Building       | 296' X 32' | 8' Deep Pit                       | ~566,000 gal   |

The structures do not have gutters or downspouts. The majority of the storm water runoff from the site drains to adjacent fields. At this time it is believed that these buildings do not have perimeter drain tiles.

**Cooling System:**

For maintaining temperature inside the total confinement buildings this facility uses a cooling system. This water is not re-used; it falls directly into the pits.

**Manure Management:**

According to Mr. Neisler this facility was unable to empty all of the manure pits this spring due to an unusually wet season. The facility transfers manure between the different pits available to

reach maximum holding capacity. All the manure pits at the facility are having foaming issues at this time.

This facility owns and operates its own manure injection equipment. Located on-site were several pieces of equipment which can be seen in Photograph #10-13. The facility uses a DMI injection applicator which has approximately 5 knives for injection with a 6' spread. This injection applicator is used along with a ~4800 gallon manure tank wagon.

Mr. Bazer is interested in obtaining a hose drag system to be used along with the 2,200 gallon tank located on-site (See Photograph #11.) So that in the future the tank can be placed near the land application field and the hose drag system will be used to apply the manure from the tank.

Between Mr. Neisler and his brother there is over 1,000 acres for land application of the manure. This facility does the land application whenever able to, usually in the spring and fall. The estimated annually quantity of manure for this facility is ~1 Million gallons.

#### **Mortality Compost Area:**

The mortalities at this site are composted. This mortality compost area is located on the west side of the site (See Figure 3-4.) According to Mr. Neisler this compost area has been giving him great results. He has gone through a composting course in Bloomington, IL. There are no issues at this time with varmint including coyotes. There is horse manure added into the mortality compost area. The compost is turned about every 4 months. Temperature is taken and recorded.

As can be seen in Photographs #7-8 there is some pooling of water extending from the west side of the compost area. This facility did receive 2" of rain two days before the inspection, but it can be seen that the leachate from the compost area is not being contained. At the time of the inspection there were also a few bones exposed.

#### **Comprehensive Nutrient Management Plan:**

This facility according to Mr. Neisler was one of the first in this area to create a Comprehensive Nutrient Management Plan (CNMP.) This plan was first generated in 2004. According to Mr. Neisler, since the plan was generated there has been no change in the buildings on site or to the land involved with the facility. Mr. Neisler stated that the facility follows all the guidelines included in the CNMP.

#### **Renovation Occurring:**

Since Mr. Bazer has been hired this facility is going through a lot of updates. Mr. Bazer has many plans and ideas for this facility in the future. At the time of the inspection Mr. Bazer had started on renovating the older buildings on-site. They are gutting the buildings and re-doing the interiors, changing out old beams and flooring. This construction can be seen in Photograph #14.

**Conclusion:**

In conclusion to the inspection of this facility there are a few concerns that need to be addressed:

1. The manure pits need to be inspected to see where this facility is with the manure capacity. Make sure the facility is watching the pits and transferring the manure when necessary.
2. The mortality compost area needs to be inspected further to see if any leachate is leaving the site.

This facility will be inspected again in the near future.

This report is submitted for your information.

  
Star M. Fowler

Att: -CAFO Checklist

-Figures 1-6

-Photographs

cc: -Bruce Yurdin, BOW

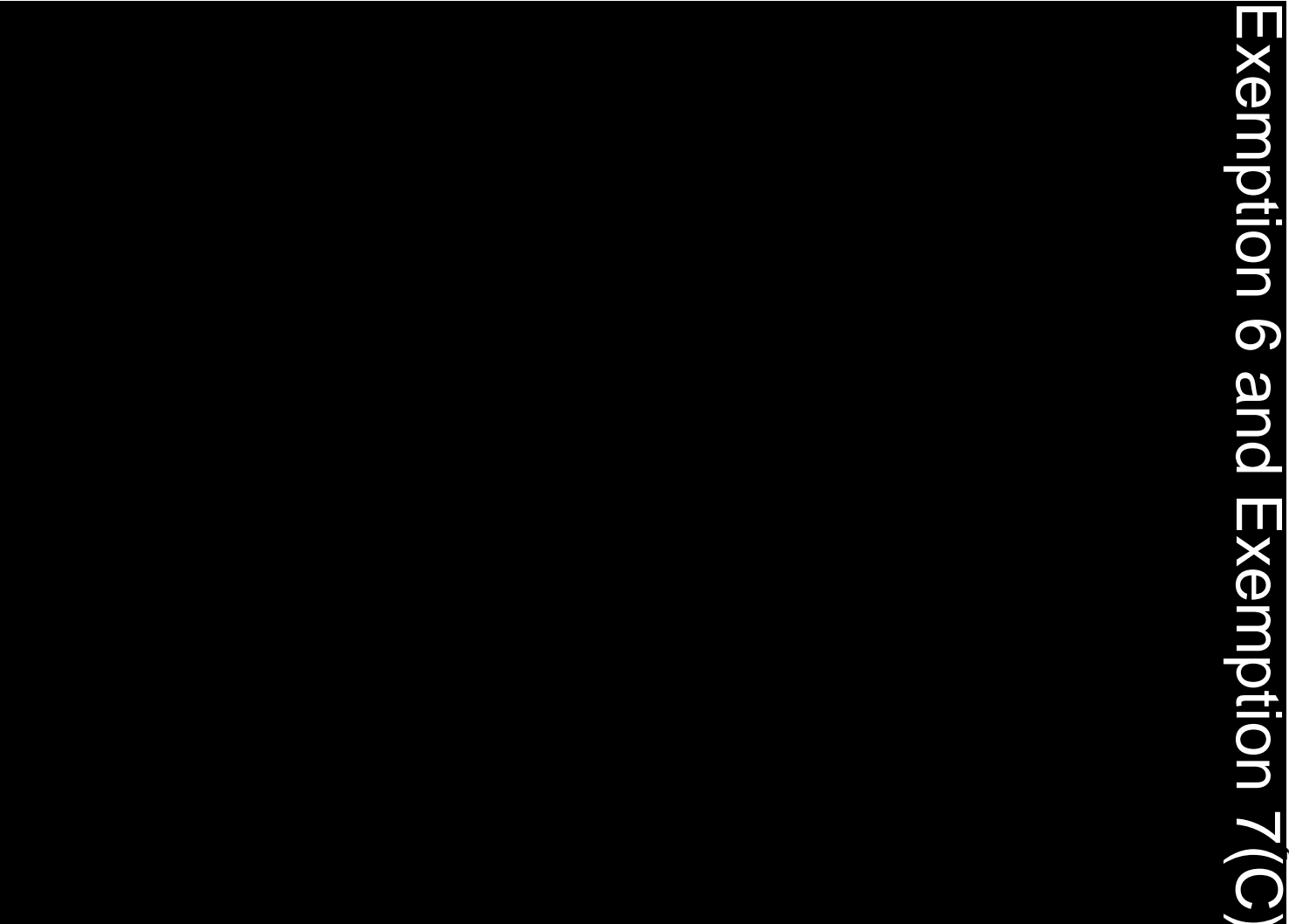
-Peoria Files

C:\Star\livestock\Longview Swine Farm, LLC\2011\_5\_27 report Longview Swine Farm, LLC.docx

EL PASO

T.26N.-R.1-2E.

Exemption 6 and Exemption 7(C)



**Figure 1. Location Map of Longview Swine Farm, LLC near  
Kappa in Woodford County on May 27, 2011.**

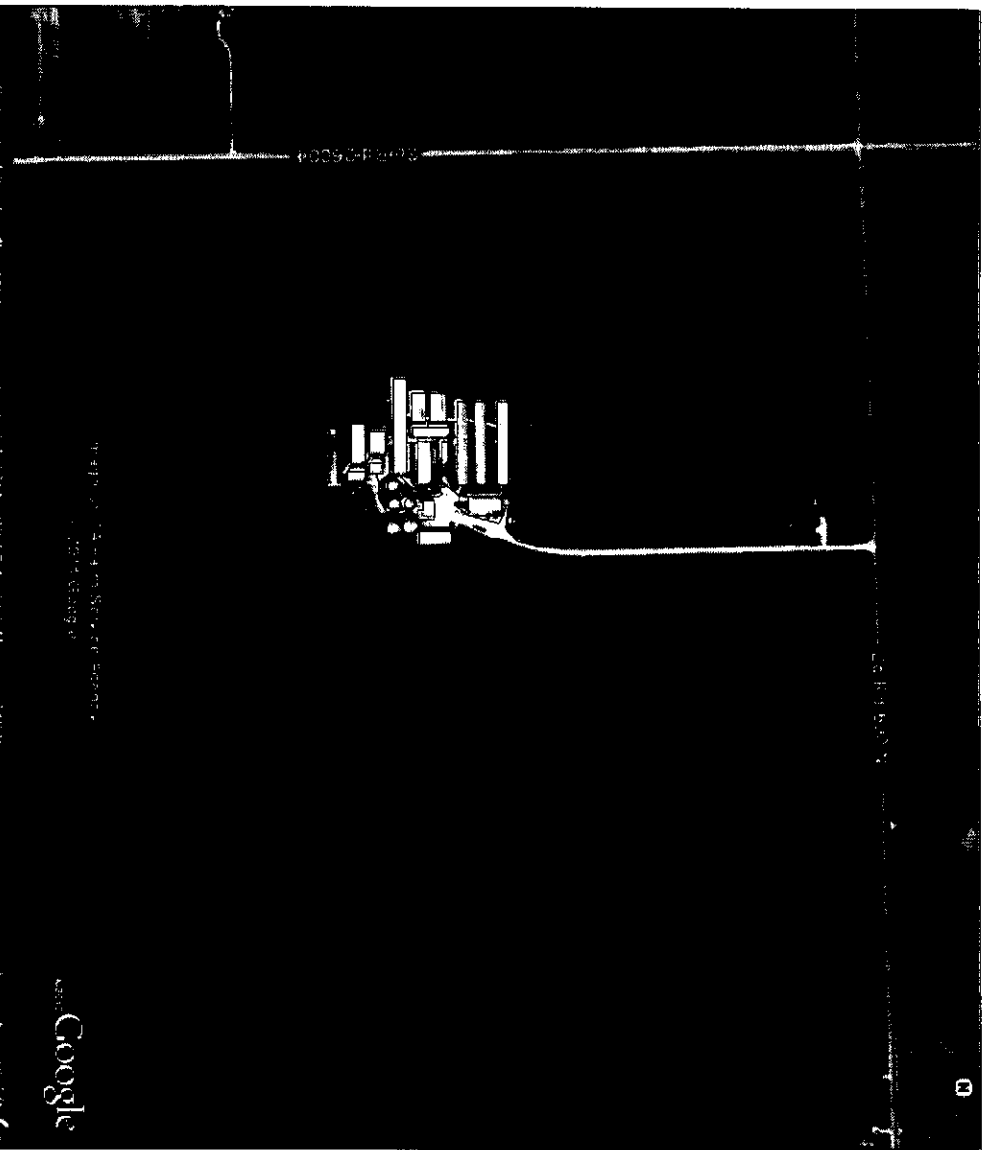


Figure 2. Plan View From Google Earth of Longview Swine Farm, LLC on May 27, 2011.

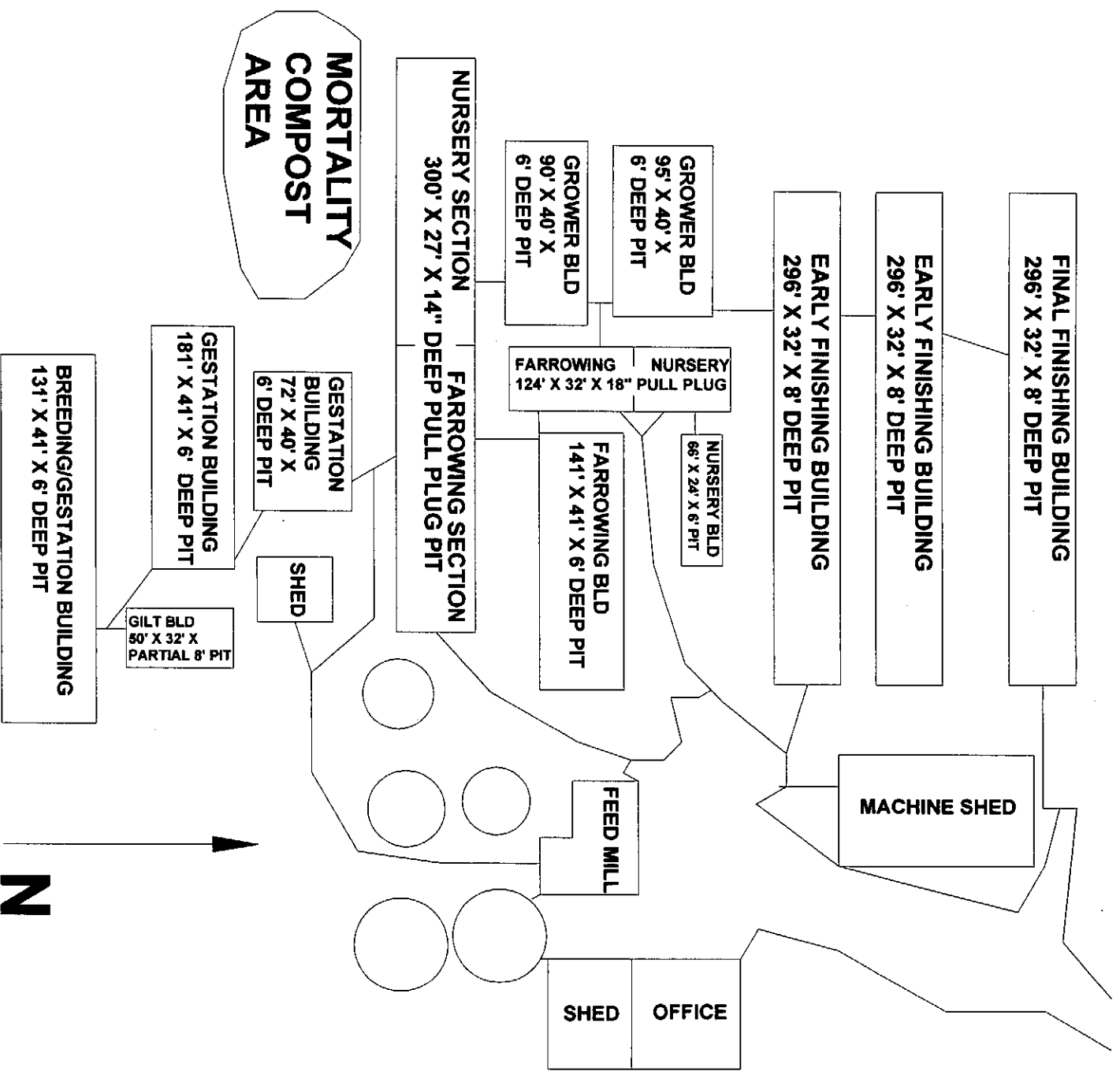


Figure 3. Plan View of Longview Swine Farm, LLC with building locations.





TIM AND KEVIN NEISLER

LONGVIEW SWINE FARM, LLC

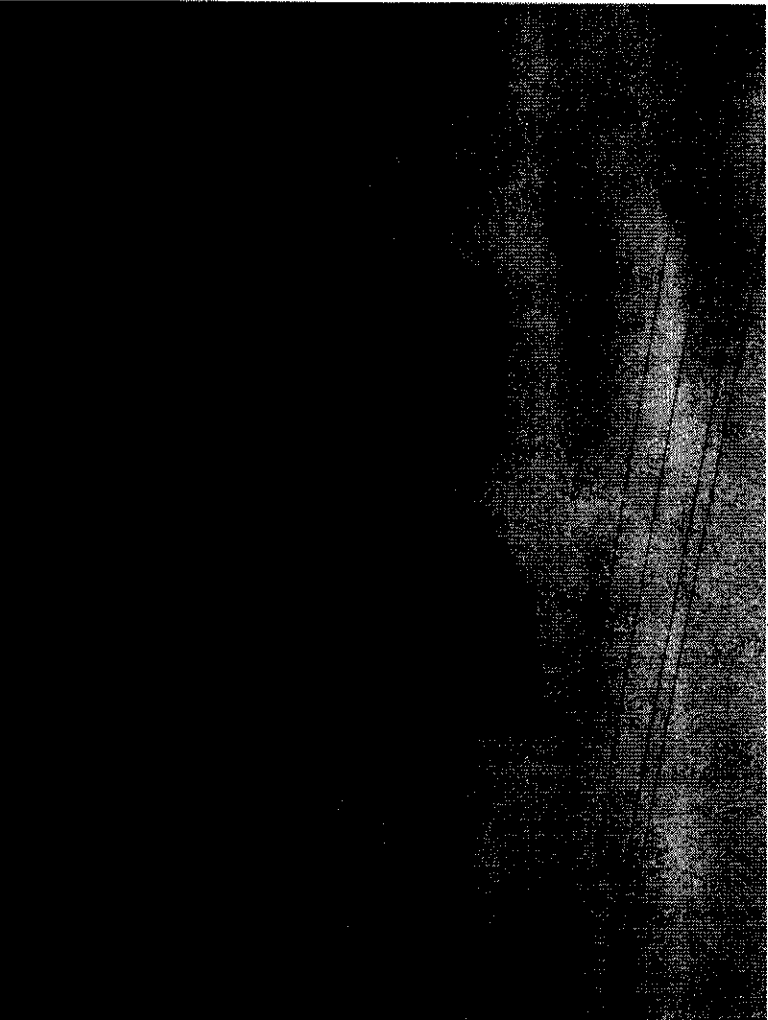
2625 CO RD 600 N

EL PASO, TX 79738

Exemption 6 and Exemption 7(C)

**Figure 6. Letterhead of Longview Swine Farm, LLC with facility address and phone numbers on May 27, 2011.**

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011  
(IEPA Star M. Fowler)



Photograph #1. Entrance sign for Longview Swine Farm, LLC.



Photograph #2. Location of the manure holding tank where manure release occurred.

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011

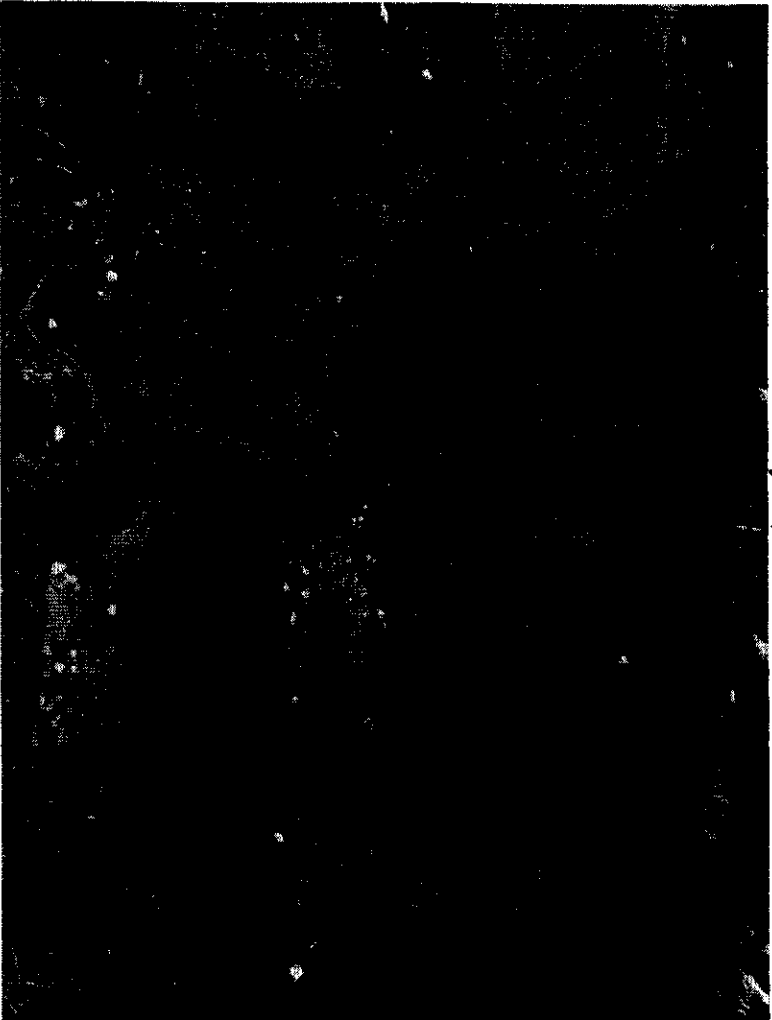


Photograph #3. Manure level inside shallow pull plug pit holding tank that had manure released.



Photograph #4. Exposed bones from mortality compost area.

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011

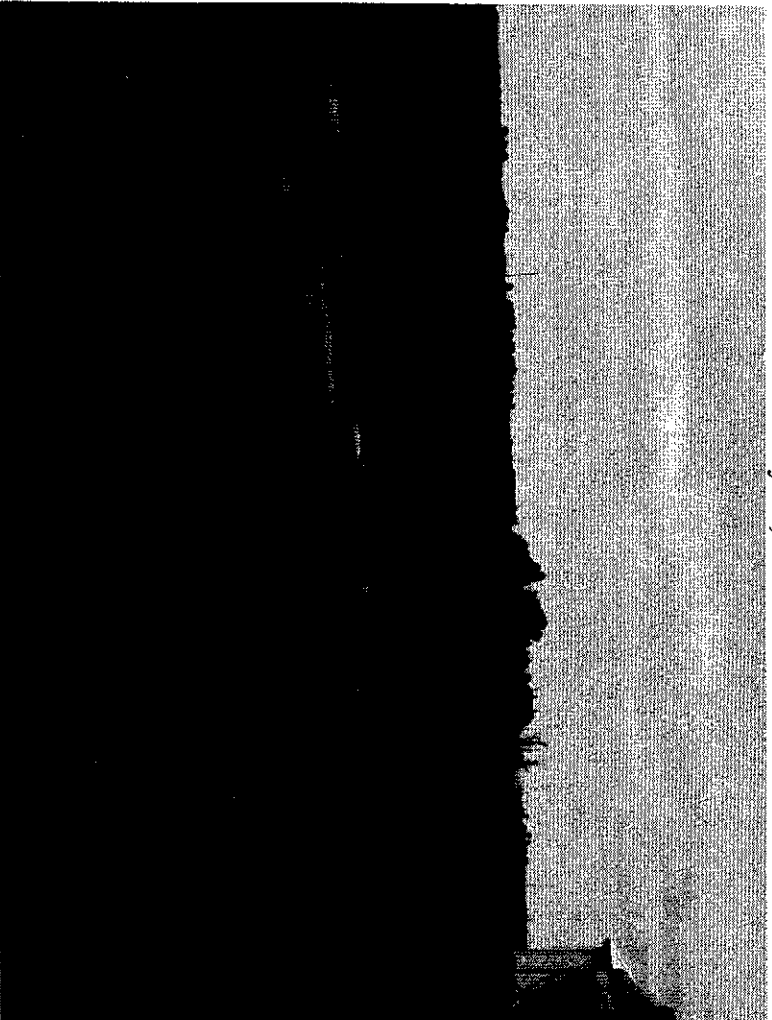


Photograp #5. Close-up of leachate from mortality compost area.

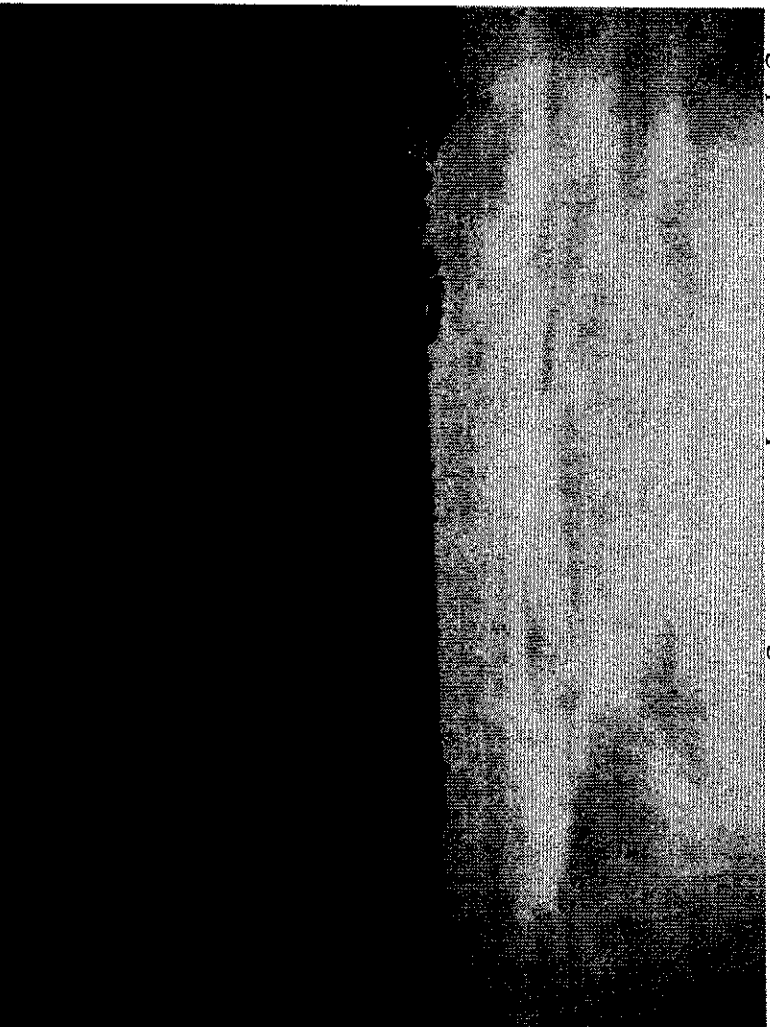


Photograph #6. South side of mortality compost area. New dead hog placed in compost.

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011



Photograph #7. Leachate from compost area running off to the west. View is north.



Photograph #8. Mortality compost area leachate puddles to the west. View is south.

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011



Photograph #9. Mortality Compost Area. View is southeast.



Photograph #10. Manure tank truck with injection equipment.

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011

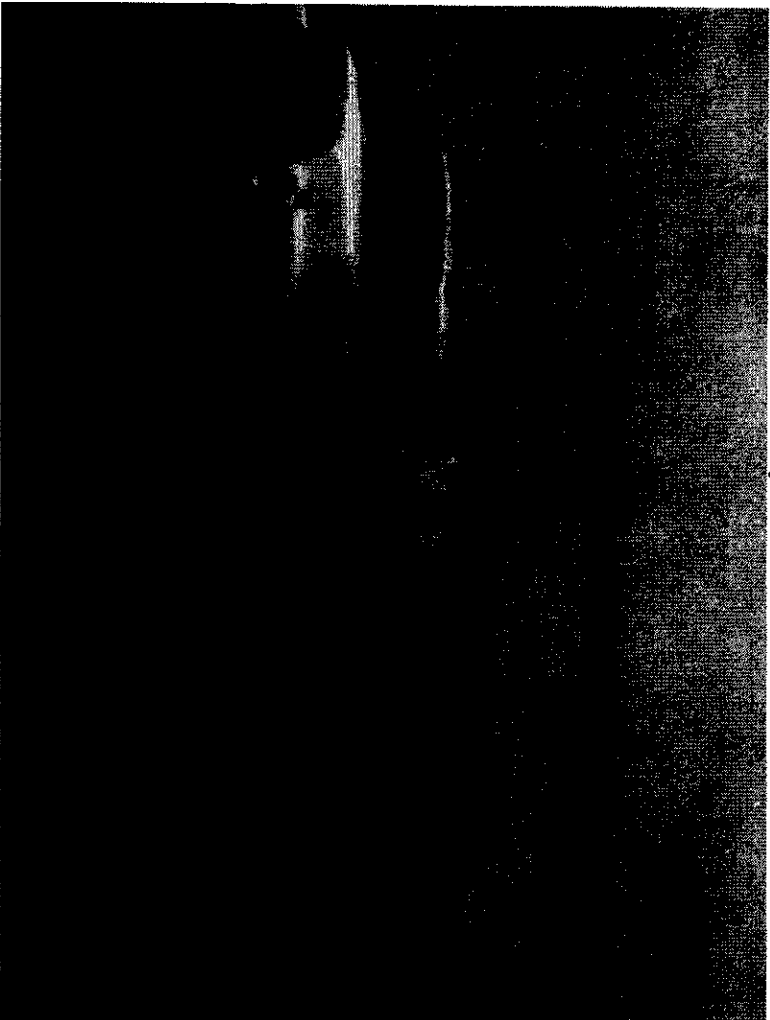


Photograph #11. Manure 2,200 gallon holding tank, wants to use with drag hose system.



Photograph #12. Manure injection and hauling equipment.

Longview Swine Farm, LLC  
Woodford County  
May 27, 2011



Photograph #13. Manure hauling equipment.



Photograph #14. Renovating buildings in facility.